

Amendments to the Specification

Please amend the following paragraph as shown:

[0007] The speed and accuracy of correlating to the ranging signal can be improved by limiting the correlation window to be searched according to the approximate location of the mobile terminal within the communications network. [Alternamultiple] Alternatively, multiple correlations can be performed at times separated by one over a known rate of occurrence of the synchronization bursts. As previously mentioned, additional components can be shared in common between the radio subsystem and the ranging signal receiving subsystem according to the engineering design choice of those implementing a mobile terminal according to the invention. These shared elements or stages can include, among other things, a shared mixer, a shared amplifier, and/or a shared local oscillator. Also, the digital processing performing correlation functions and/or filtering function can be shared.